

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/2003/00762A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E04F11/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E04F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AT 335 159 B (SCHEFFAUER ANTON ;SCHEFFAUER ANTON (OS)) 25 February 1977 (1977-02-25) page 2, line 50 - line 60 page 3, line 8 - line 24 page 3, line 41 - line 45 figures	1-3
Y	DE 16 83 495 A (SPRENG & CO VORMALS FRIEDRICH) 8 April 1971 (1971-04-08) page 4, paragraph 4 -page 5, paragraph 1; figures 5,6	16,17
X	US 5 134 820 A (LIU ING-NAN) 4 August 1992 (1992-08-04) column 2, line 24 -column 3, line 23; figure 2	1
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

Date of mailing of the International search report

9 March 2004

13/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 380 198 A (YAMAZAKI KEIICHIRO) 1 August 1990 (1990-08-01) column 7, line 12 - line 28 column 24, line 6 - line 13 claim 1; figures ----	16,17
A	FR 2 731 735 A (MORALES GEORGES FRANCOIS) 20 September 1996 (1996-09-20) page 1, line 31 -page 2, line 13; figures ----	1
2		

INTERNATIONAL SEARCH REPORT

Information on patent family members

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